Molecular and Cellular Biochemistry:

An International Journal for Chemical Biology in Health and Disease

CONTENTS VOLUME 216, Nos. 1 & 2, January (I) 2001

C.K. Sen and D. Bagchi: Regulation of inducible adhesion molecule expression in human endothelial cells by grape seed proanthocyanidin extract 1–7

J. Pedraza-Chaverrí, M. de los Ángeles Granados-Silvestre, O.N. Medina-Campos, P.D. Maldonado, I.M. Olivares-Corichi and M.E. Ibarra-Rubio: Post-transcriptional control of catalase expression in garlic-treated rats 9–19

S.-A. Kim, S.J. Um, J.-H. Kang and K.-J. Hong: Expression of thrombospondin-1 in human hepatocarcinoma cell lines and its regulation by transcription factor Jun/AP-1 21–29

H.A. Kluess, A.G. Nelson and M.A. Duke: Cardiac myosin phenotype remodeling following chronic spinal transection 31–35

Y.-H. Kang, S.-J. Chung, I.-J. Kang, J.H.Y. Park and R. Bünger: Intramitochondrial pyruvate attenuates hydrogen peroxide-induced apoptosis in bovine pulmonary artery endothelium 37–46

S. Bhattacharyya, S. Ghosh, P. Sen, S. Roy and S. Majumdar: Selective impairment of protein kinase C isotypes in murine macrophage by *Leishmania donovani* 47–57

G. Ozansoy, B. Akin, F. Aktan and Ç. Karasu: Short-term gemfibrozil treatment reverses lipid profile and peroxidation but does not alter blood glucose and tissue antioxidant enzymes in chronically diabetic rats 59–63

M.P. Biju, S. Pyroja, N.V. Rajeshkumar and C.S. Paulose: Hypothalamic GABA receptor functional regulation and liver cell proliferation 65–70

M. Vázquez, N. Roglans, À. Cabrero, C. Rodríguez, R. Adzet, M. Alegret, R.M. Sánchez and J.C. Laguna: Bezafibrate induces acyl-CoA oxidase mRNA levels and fatty acid peroxisomal β-oxidation in rat white adipose tissue 71–78

A.B. Tiku and R.K. Kale: Radiomodification of glyoxalase I in the liver and spleen of mice: Adaptive response and split-dose effect 79–83

C.H. Casale, A. del C. Alonso and H.S. Barra: Brain plasma membrane Na^+,K^+-ATPase is inhibited by acetylated tubulin 85–92

A.A. Pritsa and D.A. Kyriakidis: L-asparaginase of *Thermus thermophilus*: Purification, properties and identification of essential amino acids for its catalytic activity 93–101

C.H. Lee: Induction of P-glycoprotein mRNA transcripts by cycloheximide in animal tissues: Evidence that class I Pgp is transcriptionally regulated whereas class II Pgp is post-transcriptionally regulated 103–110

S. Seki, K. Horikoshi, H. Takeda, T. Izumi, A. Nagata, H. Okumura, M. Taniguchi and S. Mochizuki: Effects of sustained low-flow ischemia and reperfusion on Ca^{2+} transients and contractility in perfused rat hearts 111–119

F.L. Sung, Y.L. Siow, G. Wang, E.G. Lynn and K. O: Homocysteine stimulates the expression of monocyte chemoattractant protein-1 in endothelial cells leading to enhanced monocyte chemotaxis 121–128

P. Macho, E. Solís, G. Sánchez, H. Schwarze and R. Domenech: Mitochondrial ATP dependent potassium channels mediate non-ischemic preconditioning by tachycardia in dogs 129–136

Short communications

V. Raizada, K. Thakore, W. Luo and P.G. McGuire: Cardiac chamber-specific alterations of ANP and BNP expression with advancing age and with systemic hypertension 137–140

D. Kaul and M. Kaur: Receptor-C_k regulates membrane-bound 125 kDa protein having affinity for genomic sterol regulatory sequence 141–143

Index to Volume 216 145–146

Instructions to Authors 147–151

Also available electronically via http://www.kluweronline.nl